



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Curv-A-Tech Corporation**  
**930 West 23<sup>rd</sup> Street**  
**Hialeah, FL 33010**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "715" Aluminum Window Wall System – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **W12-39**, titled "Series 715 Aluminum Window Wall System (L.M.I.)", sheets 1 through 5 of 5, dated 07/16/12, with revision A dated 11/30/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



*MP*  
*1/11/13*

NOA No. 12-0808.04  
Expiration Date: January 17, 2018  
Approval Date: January 17, 2013  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W12-39**, titled "Series 715 Aluminum Window Wall System (L.M.I.)" sheets 1 through 5 of 5, dated 07/16/12, with revision A dated 11/30/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a series 715 outswing aluminum entrance door and window wall system, prepared by Fenestration Testing Laboratories, Inc., Test Report No. **FTL-6749**, dated 03/12/12, signed and sealed by Marlin D. Brinson, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis complying with FBC-2010, dated 07/12/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-1102.11** issued to **Solutia, Inc.** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/14/12, expiring on 05/21/16.

**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated July 12, 2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Testing Proposal issued by the Product Control Section of RER, dated 10/10/11, signed by Jaime D. Gascon, P.E.

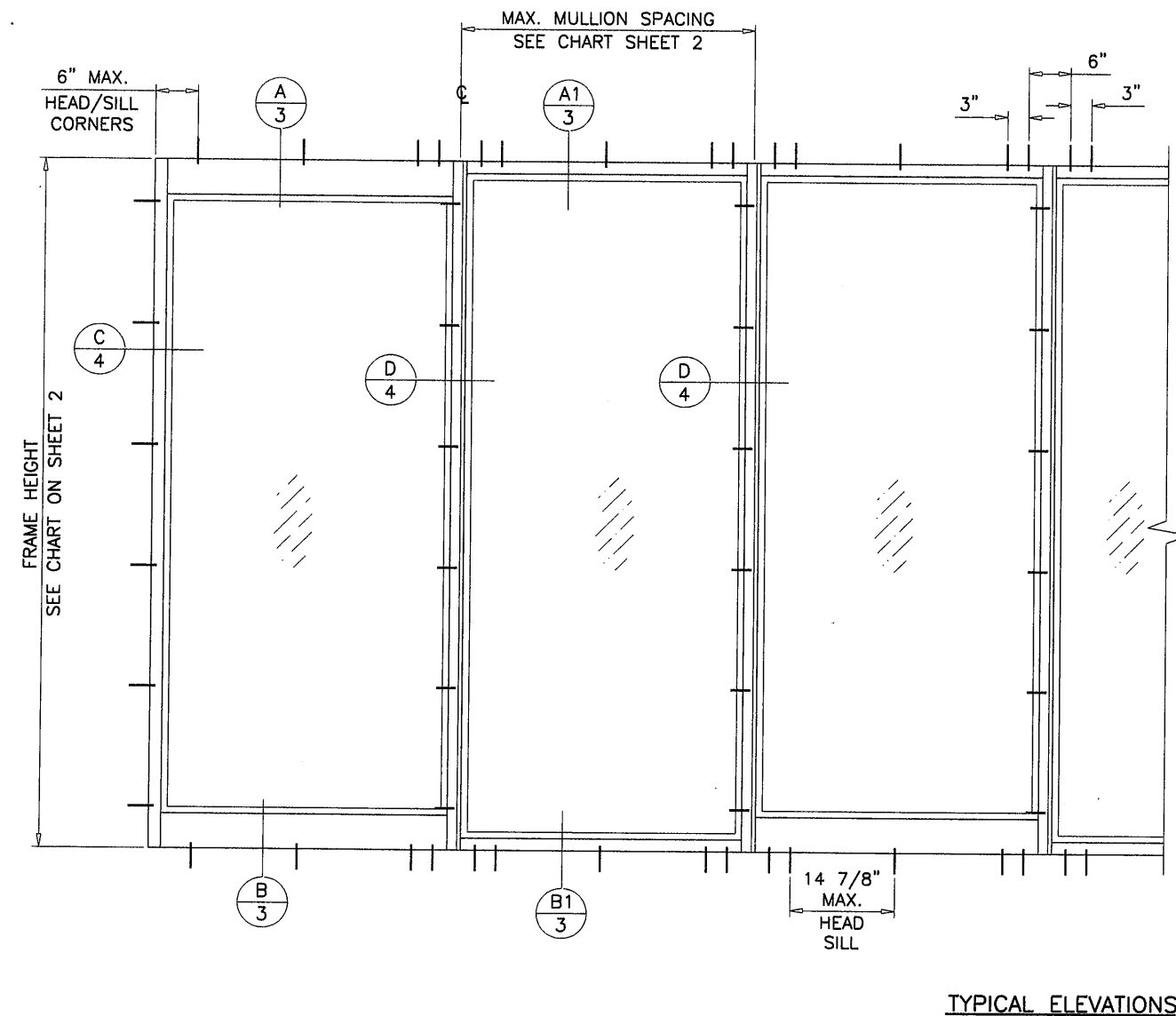
**G. OTHER**

1. None.

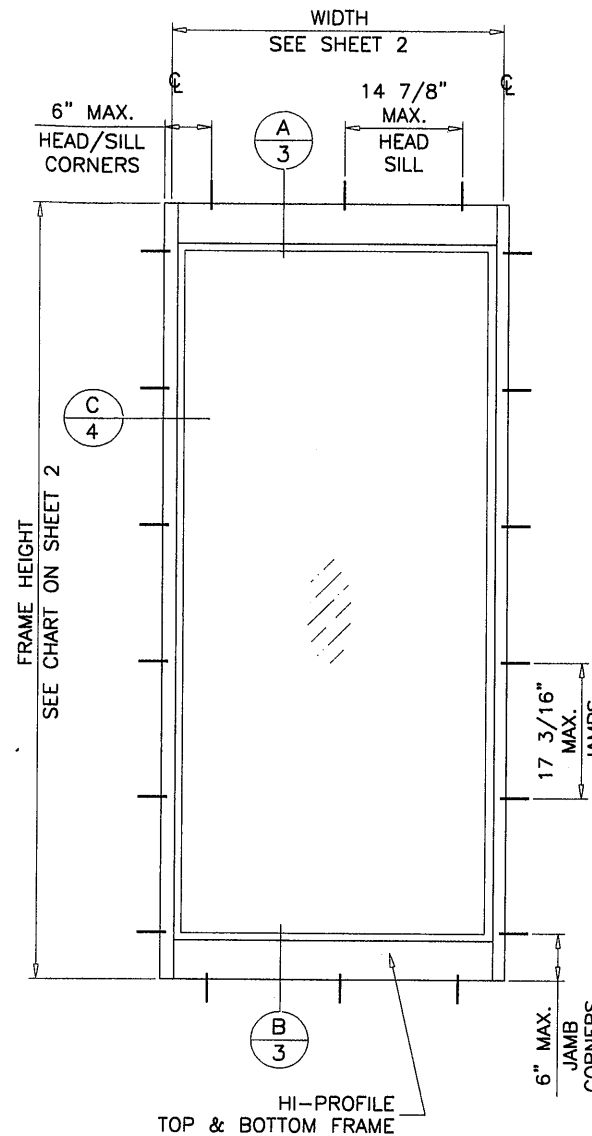


Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0808.04

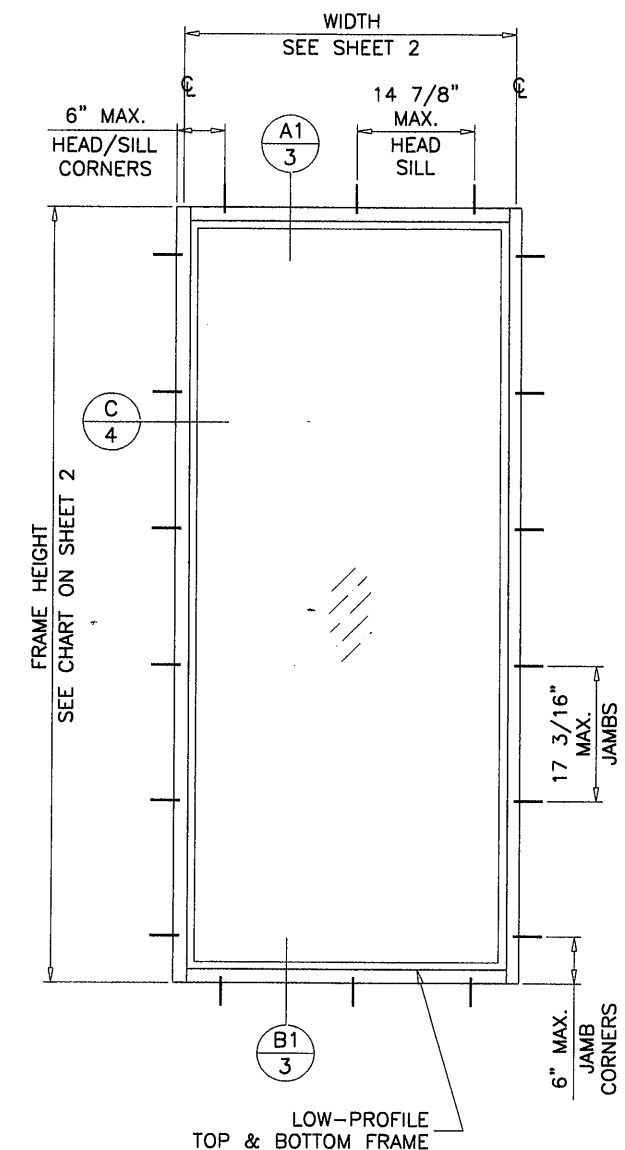
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TYPICAL ELEVATIONS



HI-PROFILE  
TOP & BOTTOM FRAME



LOW-PROFILE  
TOP & BOTTOM FRAME

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT.  
SHUTTERS ARE NOT REQUIRED.

### SERIES 715 ALUMINUM WINDOW WALL SYSTEM

DESIGN LOAD RATING FOR THIS SYSTEM TO BE AS PER CHARTS  
SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE OR MULTIPLE FIXED LITES.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE  
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY  
HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER  
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS  
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE  
NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT  
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE  
REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

### INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED  
ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE  
USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND  
HEIGHT USING CHART ON SHEET 2.
- STEP 3** WINDOW WALL SYSTEM CAPACITY SHOULD NOT EXCEED  
DESIGN LOADS FROM STEP 1 ABOVE.

SINGLE 'O' PANEL GLASS D.L.O. DIMS.

D.L.O. HEIGHT (HIGH PROFILE FRAME) = FRAME HEIGHT - 11.8125"

D.L.O. HEIGHT (LOW PROFILE FRAME) = FRAME HEIGHT - 5.250"

D.L.O. WIDTH = FRAME WIDTH - 5.3125"

THIS NOA IS NOT VALID WITHOUT CORPORATE SEAL  
OF CURV-A-TECH CORPORATION AND A LABEL AFFIXED.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

DEC 04/2012

Approved as complying with the  
Florida Building Code  
Date Jan. 17, 2013  
NOA# 12-0808.04  
Miami Dade Product Control

By *Manuel Perez*

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W12-39CTC

SERIES 715 ALUMINUM WINDOW WALL SYSTEM (L.M.I.)  
**CURV-A-TECH CORPORATION**  
930 W. 23rd STREET  
HIALEAH, FL 33010  
TEL. (305) 888-9631 FAX. (305) 888-9969

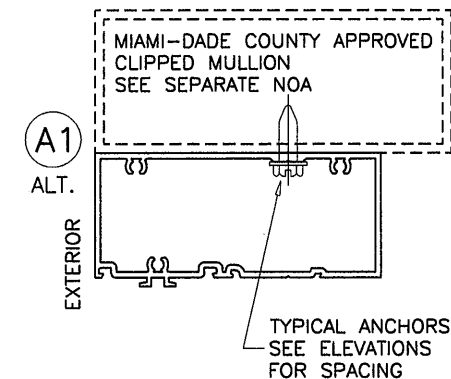
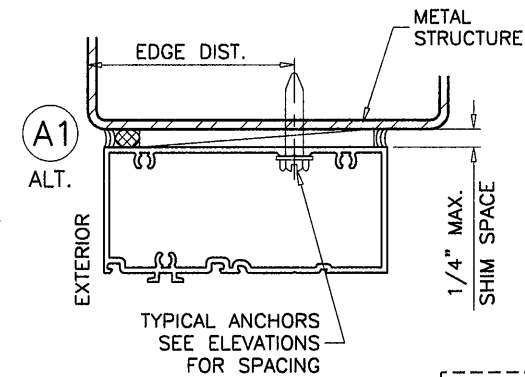
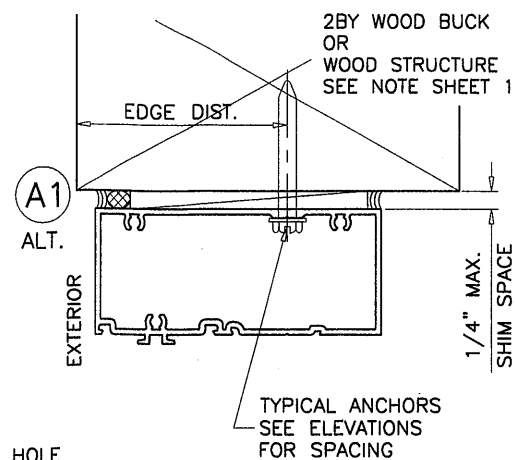
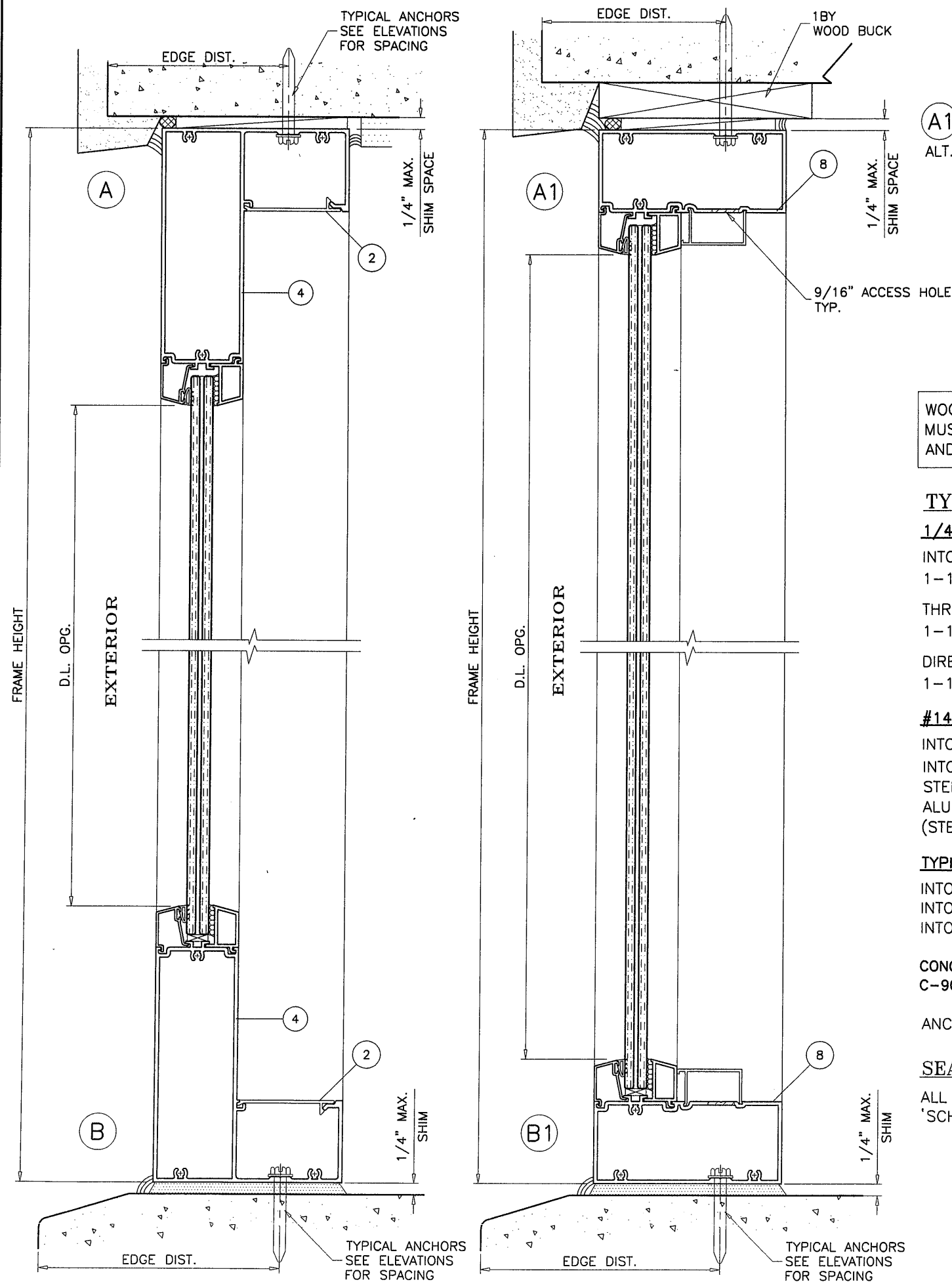
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A	11.30.12		REV. PER RER COMMENTS

date: 07-16-12	scale: 1/2"=1'-0"	dr. by: HAMID	chk. by:
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drawing no.  
**W12-39**

sheet 1 of 5





WOOD BUCKS AND METAL STRUCTURE NOT BY CURV-A-TECH CORP. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" DIA. ULTRACON BY 'ELCO'** ( $F_u=177$  KSI,  $F_y=155$  KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")

INTO METAL STRUCTURES

STEEL : 1/8" THK. MIN. ( $F_y = 36$  KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS  $f'_c = 3000$  PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS  $f'_m = 2000$  PSI MIN.

ANCHORS MAY BE HEX OR FLAT HEAD.

**SEALANTS:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH 'SCHNEE MOREHEAD 5504' SEALANT.

Engr: JAVAD AHMAD  
CIVIL  
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NOA# 12-0508-04  
Miami Dade Product Control

By *Manuel Perez*

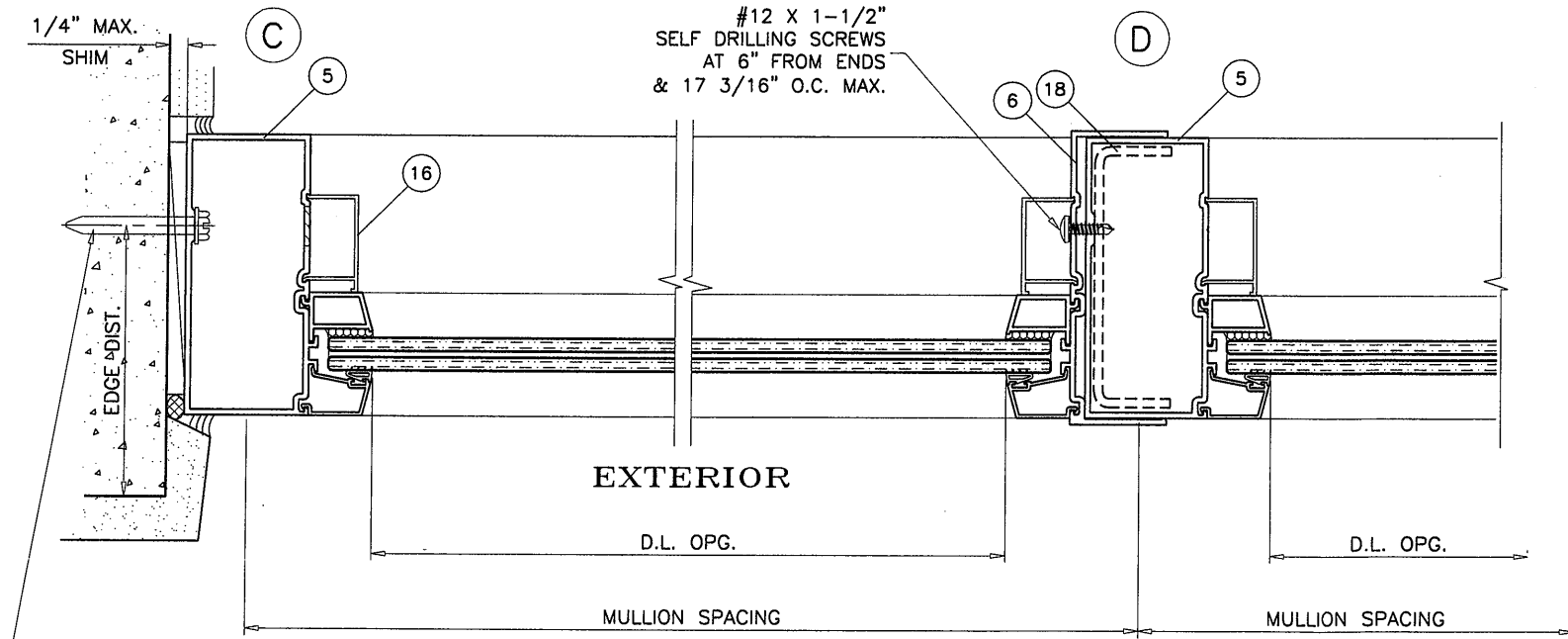
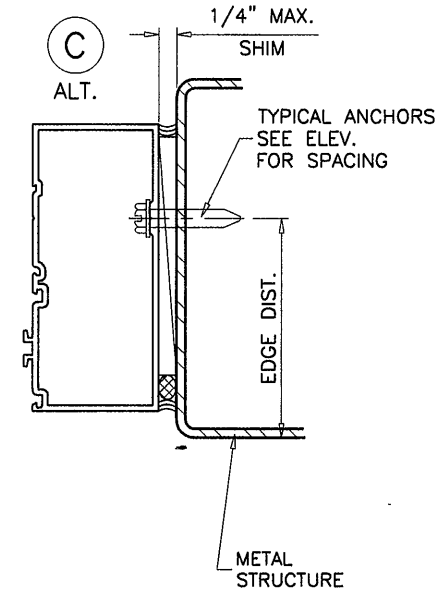
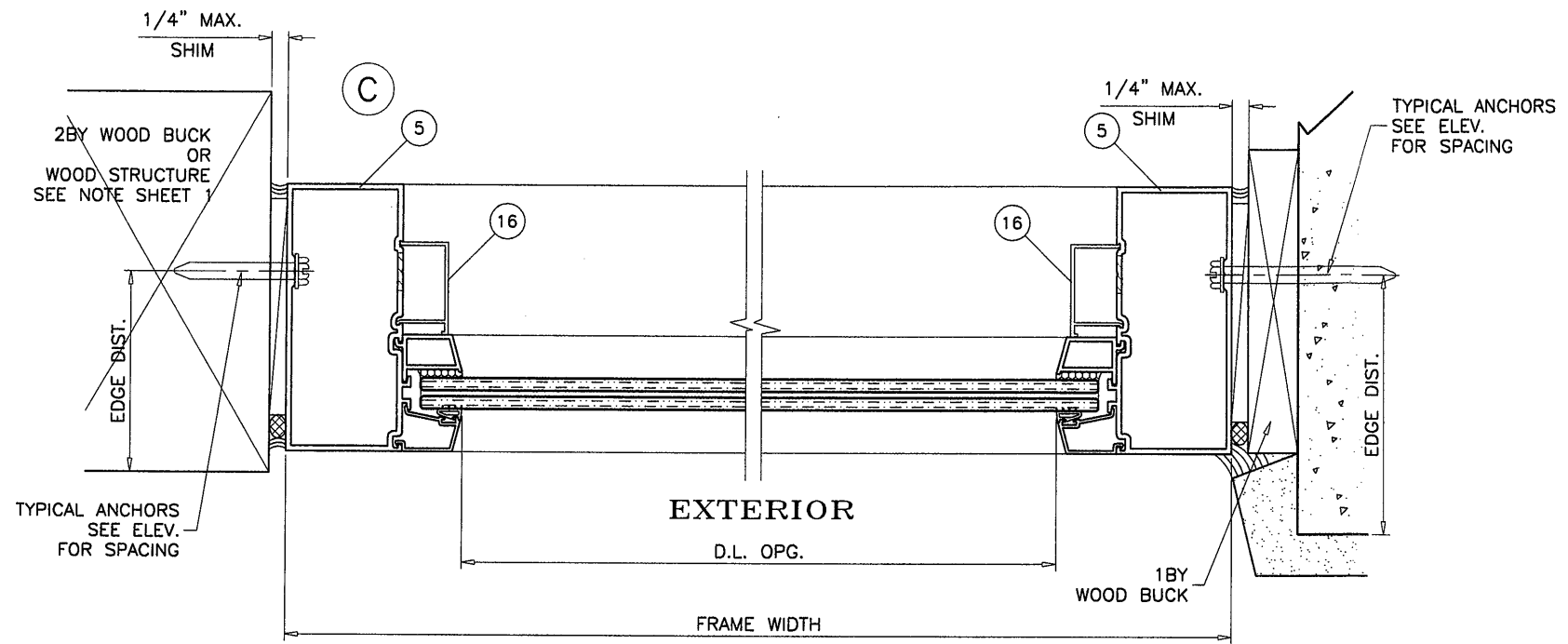
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W12-39CTC

SERIES 715 ALUMINUM WINDOW WALL SYSTEM (L.M.I.)  
**CURV-A-TECH CORPORATION**  
930 W. 23rd STREET  
HIALEAH, FL 33010  
TEL. (305) 888-9631 FAX. (305) 888-9969

no	date	by	description
A	11.30.12	REV. PER RER COMMENTS	

date: 07-16-12	scale: 3/8" = 1"	dr. by: HAMID	chk. by:
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drawing no.  
**W12-39**  
sheet 3 of 5



Engr: JAVAD AHMAD  
CIVIL  
F.L.A. PE # 70592  
C.A.N. 3538

DEC 04 2012

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Miami Dade Product Control  
By: *Manuel Serrano*

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revisions:		no	date	by	description
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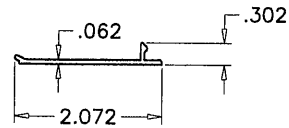
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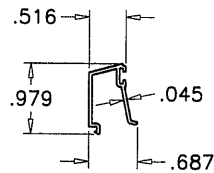
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drawing no.	W12-39
sheet 4 of 5	

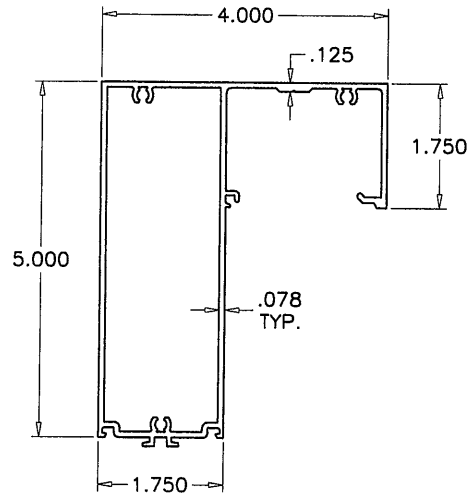
2 FRAME COVER



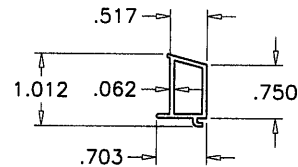
14 OUTER GLASS STOP



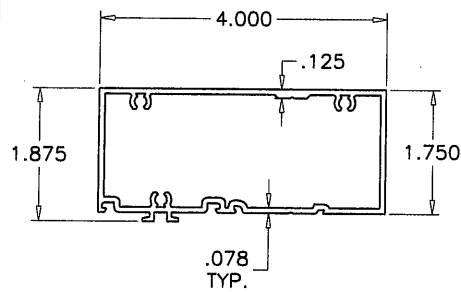
4 TOP & BOTTOM FRAME HI-PROFILE



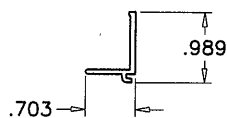
15 INNER GLASS STOP 7/16" GLASS



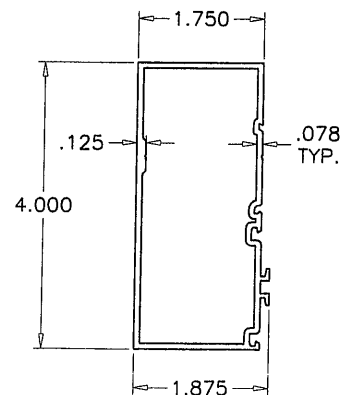
8 TOP & BOTTOM FRAME LOW PROFILE



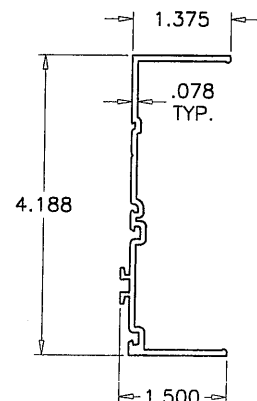
15A INNER GLASS STOP INSUL. LAM. GLASS



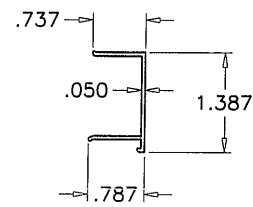
5 FRAME JAMB



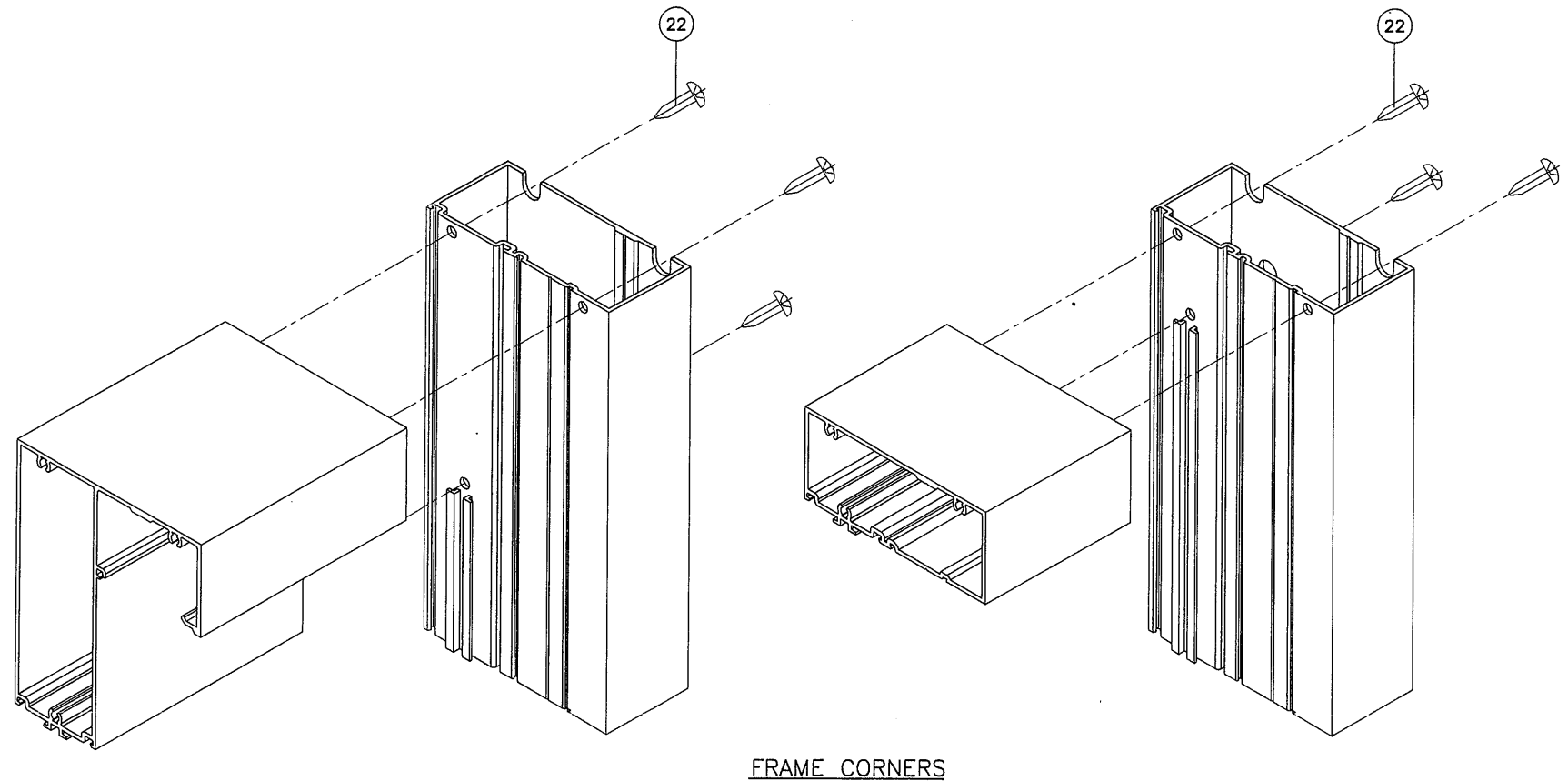
6 SLIP ON JAMB



16 SNAP COVER



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
2	C302	AS REQD.	FRAME COVER	6063-T6	-
4	C305	AS REQD.	TOP & BOTTOM FRAME-HIGH PROFILE	6063-T6	-
5	C306	AS REQD.	FRAME JAMB	6063-T6	-
6	C307	AS REQD.	SLIP ON JAMB	6063-T6	-
8	C315	AS REQD.	TOP & BOTTOM FRAME-LOW PROFILE	6063-T6	-
14	C311	4/ LITE	OUTER GLASS STOP	6063-T6	-
15	C310	4/ LITE	INNER GLASS STOP (7/16" GLASS)	6063-T6	-
15A	C313	4/ LITE	INNER GLASS STOP (INSUL. LAM. GLASS)	6063-T6	-
16	C304	AS REQD.	SNAP COVER	6063-T6	-
18	-	AS REQD.	MULLION REINF. CHANNEL	3003-H14	-
22	#10 X 3/4"	3/ CORNER	FRAME ASSEMBLY SCREWS	-	SMS
27	C317	AS REQD.	GLAZING WEDGE	SANTOPRENE	CENTRAL PLASTICS
28	-	2/ LITE	SETTING BLOCK	EPDM	DUROMETER 75±5 SHORE A
29	-	2/ LITE	SETTING BLOCK	EPDM	DUROMETER 75±5 SHORE A



FRAME CORNERS

Engr: JAVAD AHMAD  
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By: *Manuel Perez*

DEC 04 2012

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sheet 5 of 5

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**afC**

COMP-ANL\W12-39CTC